

IN THE ABSTRACT OF THE DISCLOSURE

Please amend the Abstract by rewriting same to read as follows.

A1
In a data communication method and apparatus, message communication within a complex object is executed in the same execution thread, and a history of message communication is updated to indicate message communication from the same execution thread. In a message communication directed from within a complex object to an external object, a message or messages are temporarily stored on a destination-by-destination basis. When message processing is completed, the history of message communication is checked, so that the stored message or messages are transmitted in a single message communication operation.

IN THE CLAIMS

Please amend claims 2-10 and 12-20 by rewriting same to read as follows.

A2
Cm't
--2. (Amended) The data communication method according to Claim 1, wherein said complex object is constituted of a plurality of objects which can be invoked in a manner equivalent to a function call which does not cause a context switch.

--3. (Amended) The data communication method according to